

Differential Normalized Emission 1610 nm (dB)

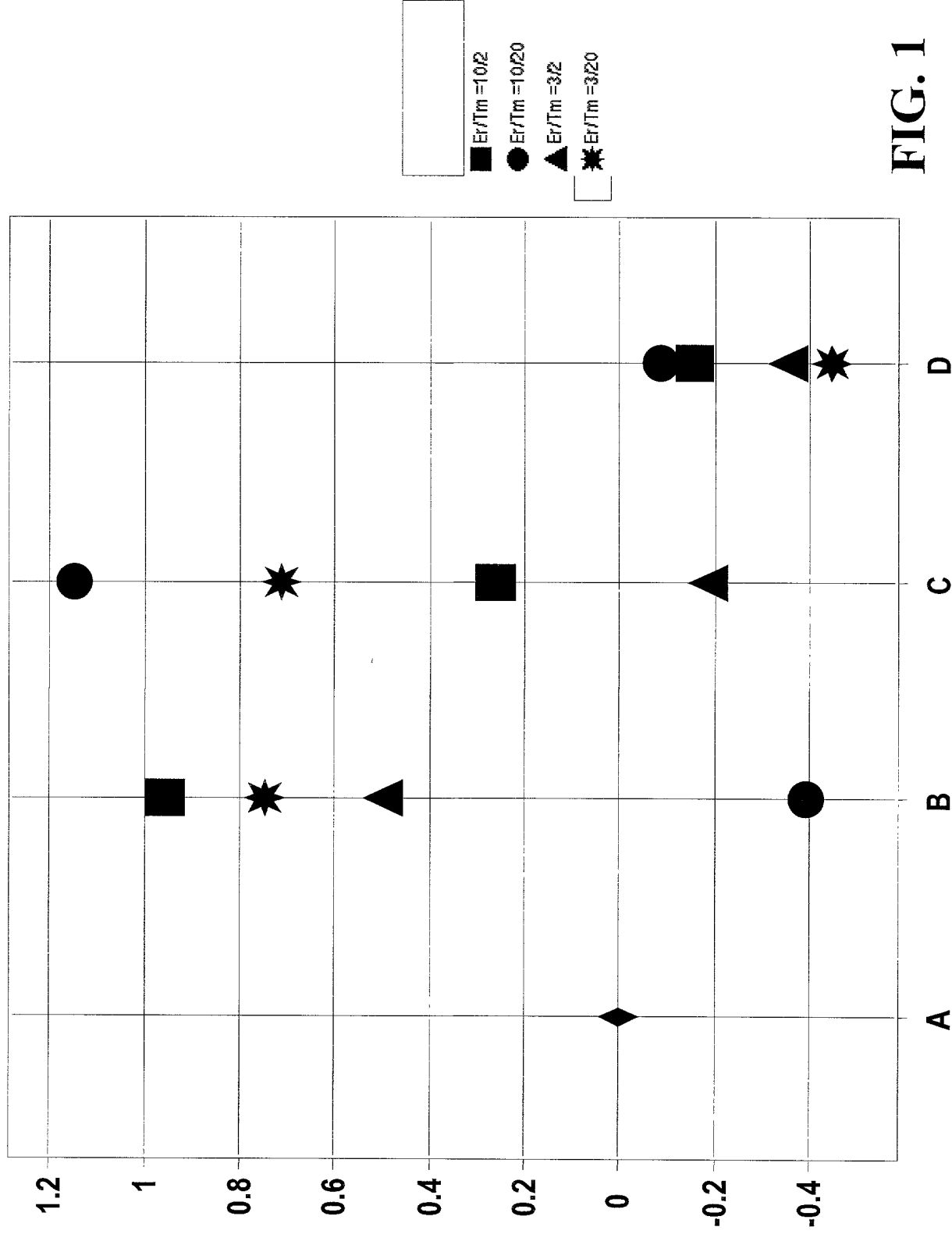
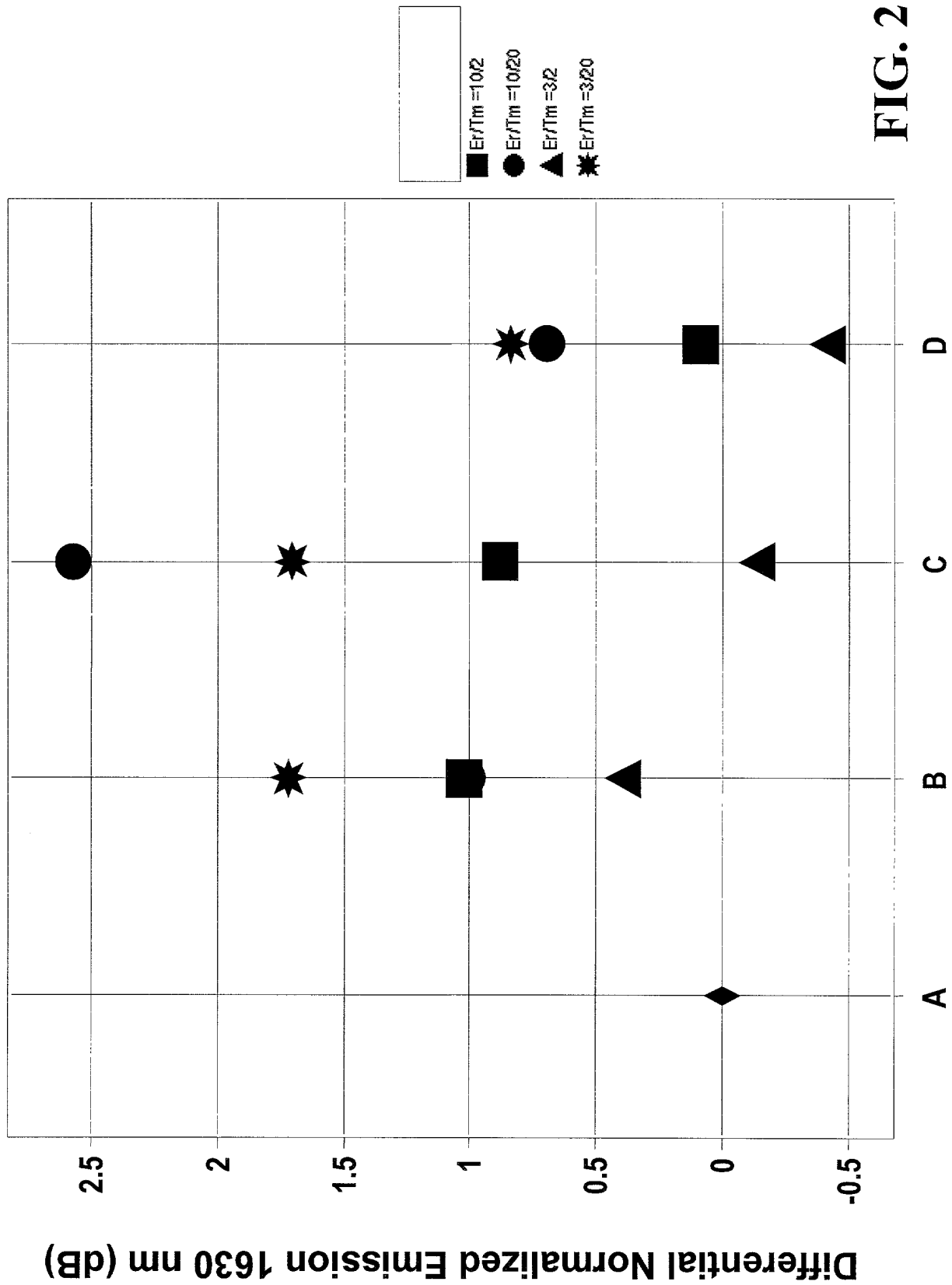


FIG. 1



Differential Normalized Emission 1650 nm (dB)

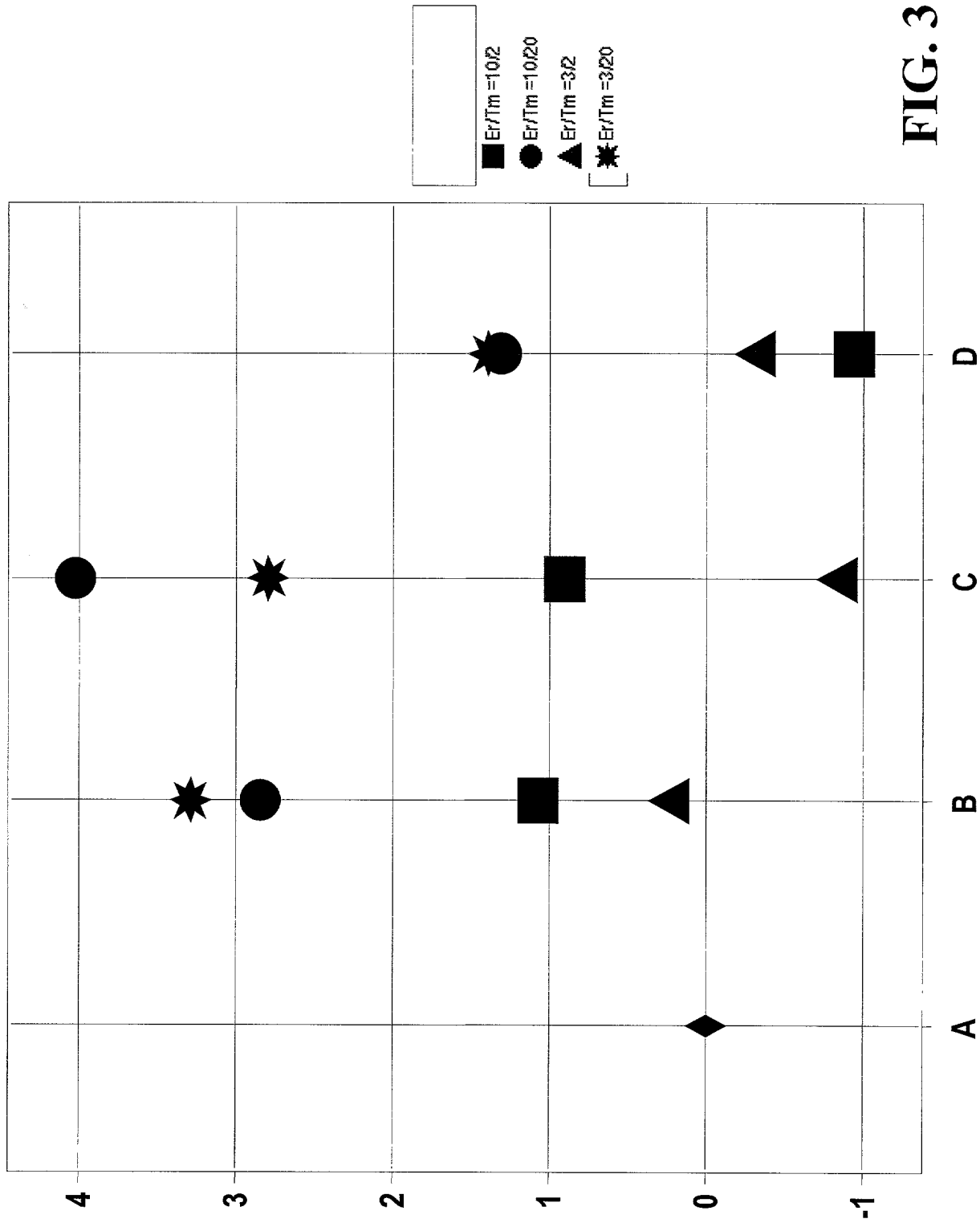


FIG. 3

Average Lifetimes vs Host and Er/Tm Ratios

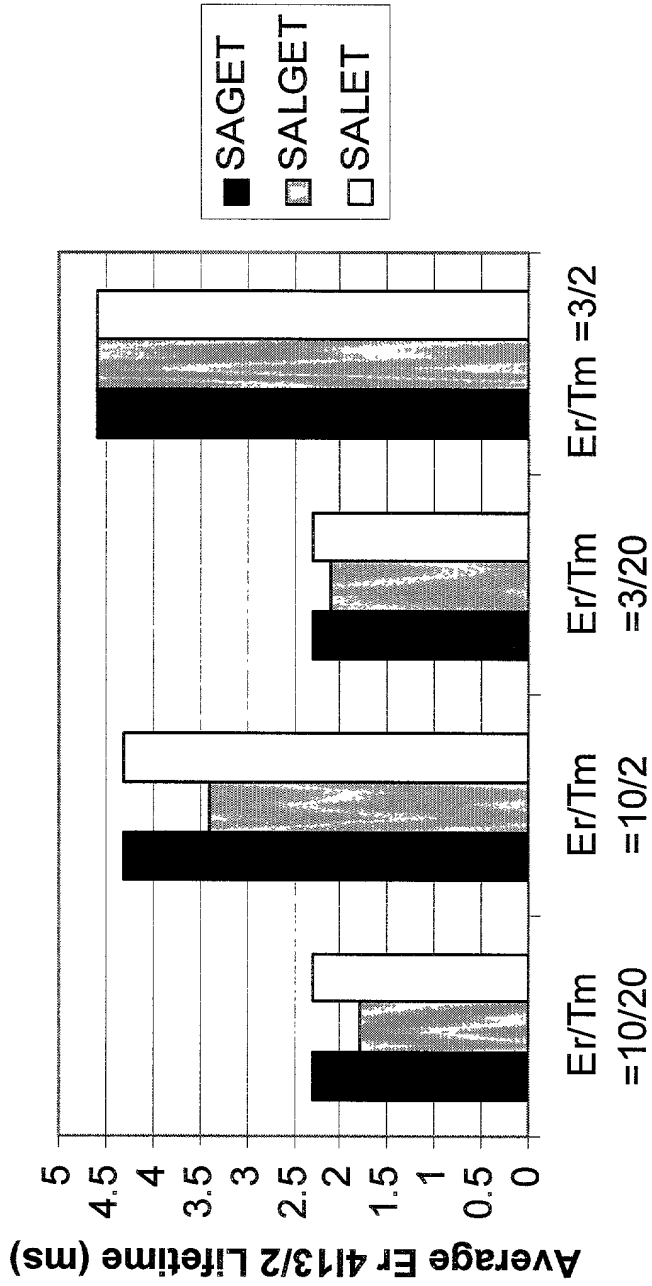


FIG. 4

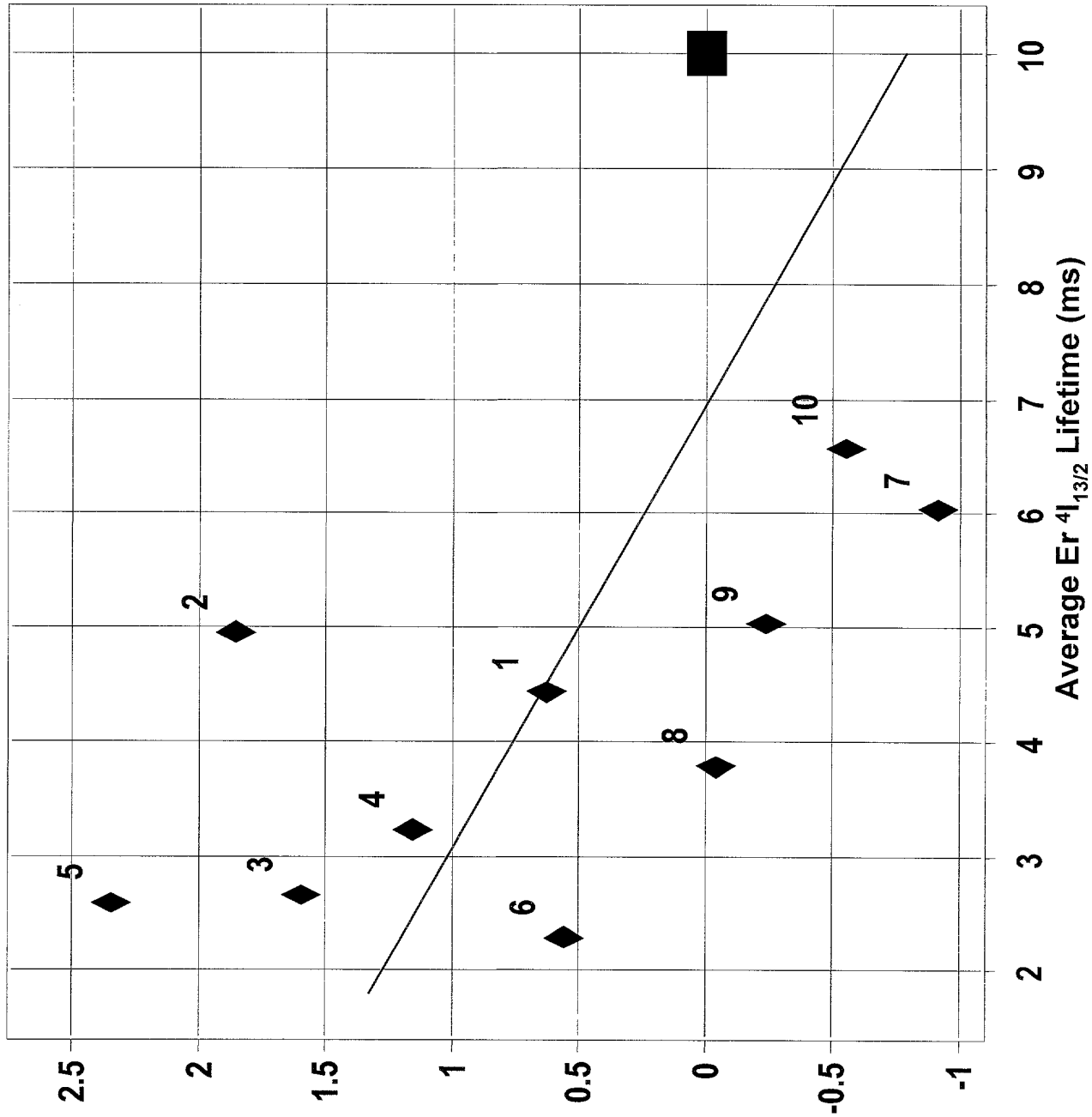
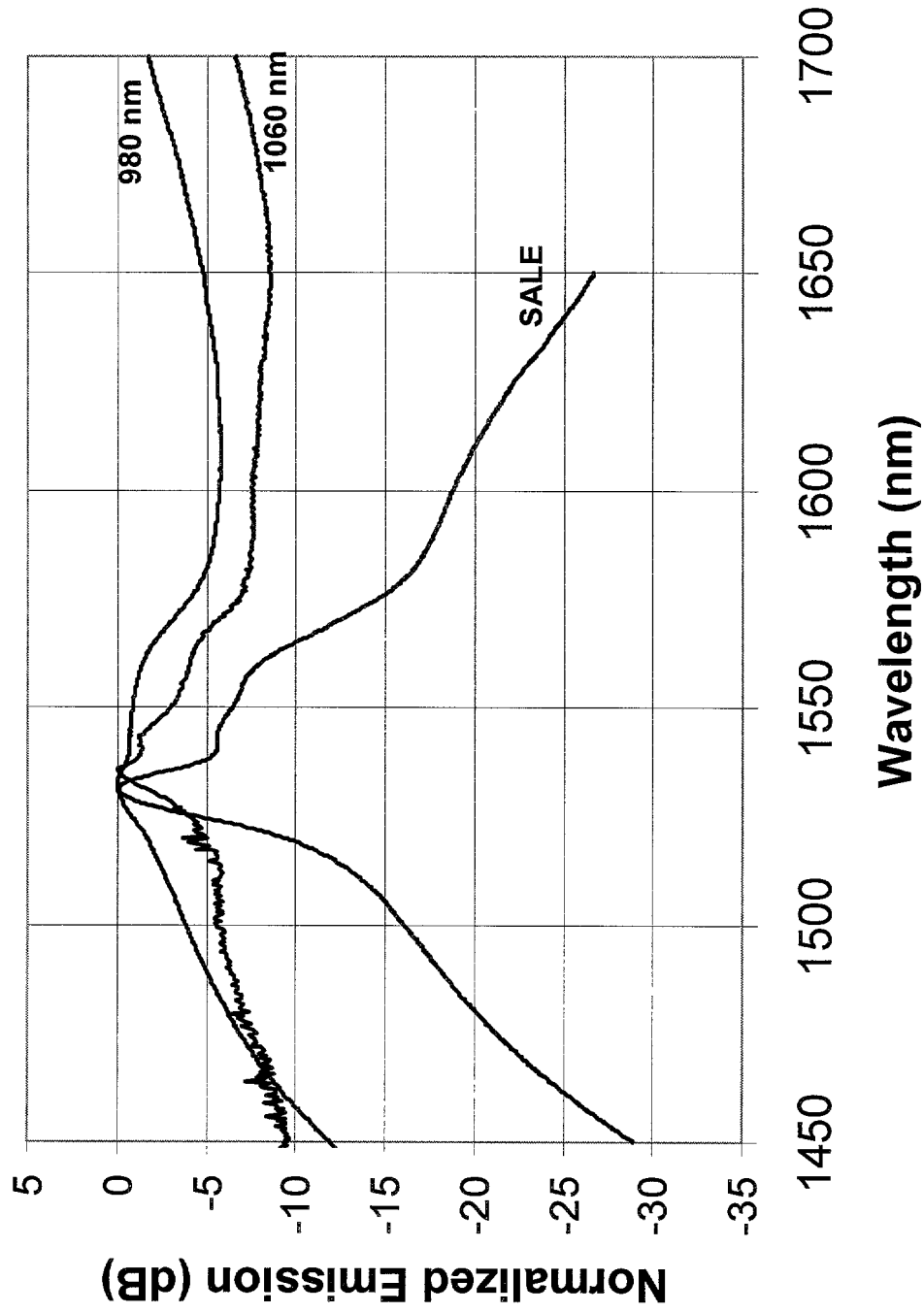


FIG. 5



Docket No./Serial No. (if known): 57421US002
Inventor(s): Mark T. Anderson, Craig R. Schardt, James R. Onstott, and Kent Budd
Title: A METHOD FOR MANUFACTURING SILICATE WAVEGUIDE COMPOSITIONS FOR EXTENDED L-BAND AND S-BAND AMPLIFICATION

FIG. 7

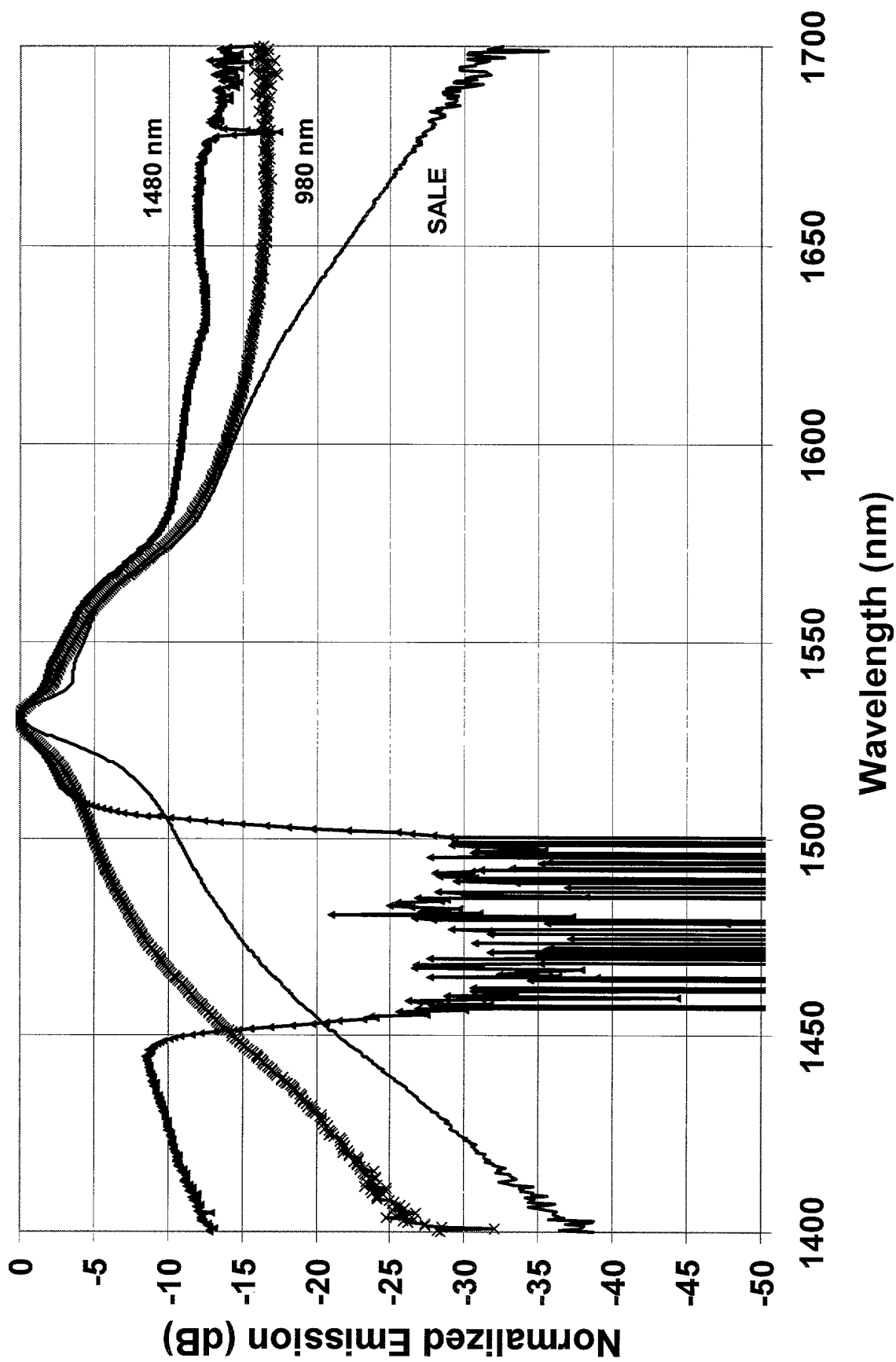


FIG. 7

Docket No./Serial No. (if known): 57421US002
Inventor(s): Mark T. Anderson, Craig R. Schardt, James R. Onstott, and Kent Budd
Title: A METHOD FOR MANUFACTURING SILICATE WAVEGUIDE COMPOSITIONS FOR EXTENDED L-BAND AND S-BAND AMPLIFICATION

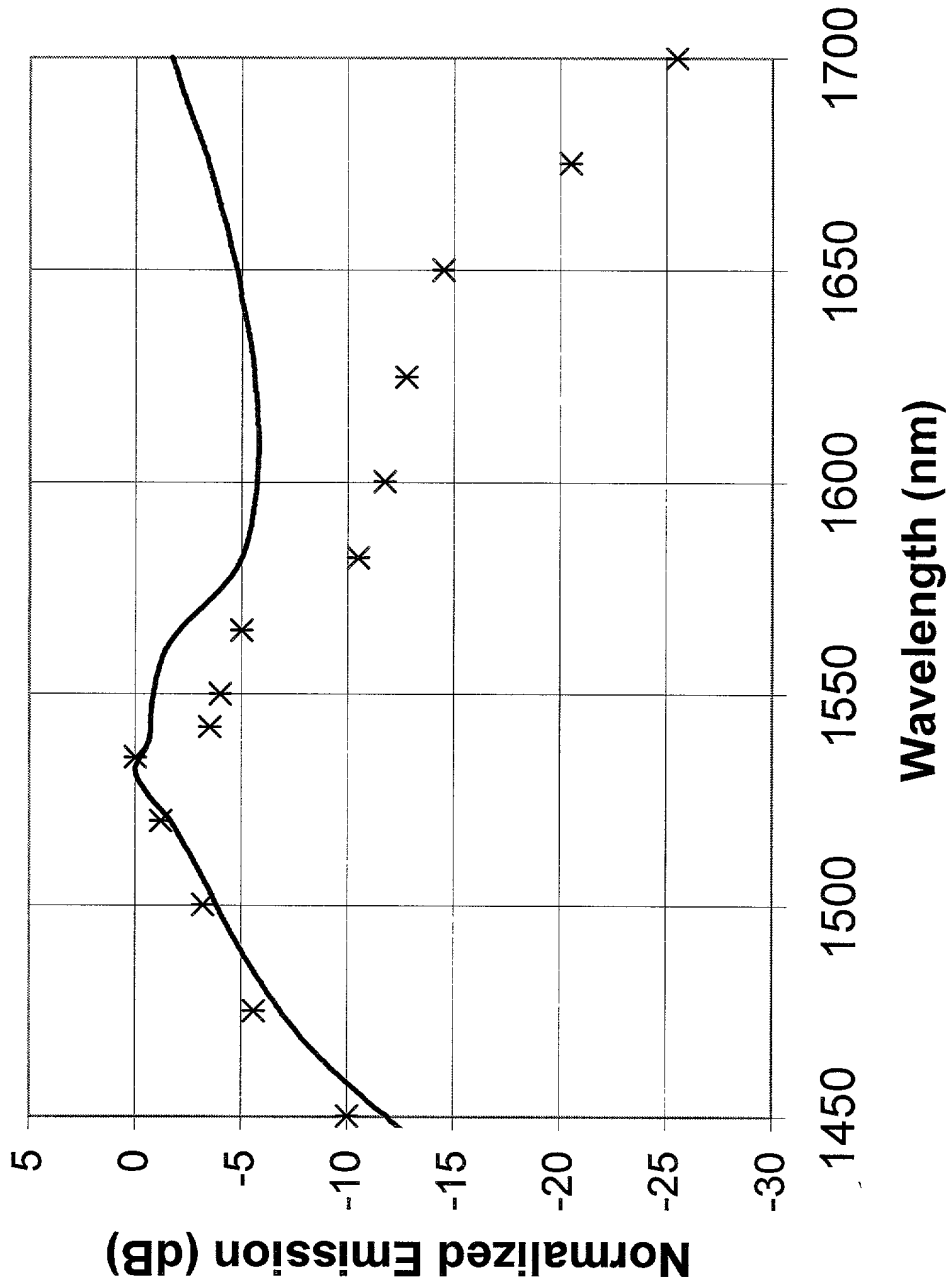


FIG. 8